

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

This Document contains information affecting the National Defense of the United States, within the meaning of Title 18, Sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law. The reproduction of this form is prohibited.

SECRET/CONTROL - U.S. OFFICIALS ONLY

SECURITY INFORMATION

25X1

COUNTRY	East Germany	REPORT	
SUBJECT	Kuehlungsborn Research Station	DATE DISTR.	11 June 1953
DATE OF INFO.		NO. OF PAGES	1
PLACE ACQUIRED		REQUIREMENT NO.	RD
		REFERENCES	25X1

This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

25X1

1. The Kuehlungsborn Research Station (Forschungsstelle Kuehlungsborn), the only official agency in East Germany to conduct altitude research in the ionosphere, works with radar equipment exclusively. The Wuerzburg technique and the Benito control technique (Ipsilonverfahren) are used at Kuehlungsborn. Through intermittent emissions from transmitters, of which the basic principle is a parabolic reflector, measurements of altitudes up to 45 km. are made through reflections in the ionosphere which are picked up on a receiver by means of a cathode ray (Braun) tube.
2. The SCC is mainly interested in research on electromagnetic disturbances which occur in the troposphere, the stratosphere, and the ionosphere through the formation of solar spots. The results of this research are valuable not only to the meteorological service for its long range forecasting, but also to the SCC for all of its official radio technical matters.
3. There are three transmitters at Kuehlungsborn which operate on the Wuerzburg principle and two which utilize the Benito control technique. The Wuerzburg technique uses a directional antenna, whereas the Benito control technique uses a non-directional or omnidirectional antenna.
4. No findings made at Kuehlungsborn may be transmitted to Western stations.
5. The SCC retains the use of all studies made for its own purposes.
6. The chief officials of the Kuehlungsborn Research Station are the following:
Professor Gnanther Falkenberg, head of the station, [redacted]
[redacted] Dr. Paul
Lauther, head of the research institute [redacted] and is also the
Dean of the University of Rostock. [redacted]
[redacted]

25X1

25 YEAR RE-REVIEW

STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC		ORR	Ev	X
-------	---	------	---	------	---	-----	---	-----	--	-----	--	-----	----	---

(Note: Washington Distribution Indicated By "X"; Field Distribution By "#".)